

# Wim E Hennink

## List of Publications by Year in descending order

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346  
papers

39,613  
citations

2322

98  
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3034

188  
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349  
all docs

349  
docs citations

349  
times ranked

36683  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning the size of all-HPMA polymeric micelles fabricated by solvent extraction. <i>Journal of Controlled Release</i> , 2022, 343, 338-346.	9.9	9
2	Tuning Surface Charges of Peptide Nanofibers for Induction of Antigen-Specific Immune Tolerance: An Introductory Study. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 1004-1011.	3.3	6
3	Utilizing in vitro drug release assays to predict in vivo drug retention in micelles. <i>International Journal of Pharmaceutics</i> , 2022, 618, 121638.	5.2	13
4	Hyaluronic Acid-PEG-Based Diels-Alder In Situ Forming Hydrogels for Sustained Intraocular Delivery of Bevacizumab. <i>Biomacromolecules</i> , 2022, 23, 2914-2929.	5.4	20
5	Modulating albumin-mediated transport of peptide-drug conjugates for antigen-specific Treg induction. <i>Journal of Controlled Release</i> , 2022, 348, 938-950.	9.9	3
6	Post-loading of proangiogenic growth factors in PLGA microspheres. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 158, 1-10.	4.3	12
7	Transform nanomedicine with breakthrough thinking?. <i>Journal of Controlled Release</i> , 2021, 330, 1130-1131.	9.9	1
8	Hyaluronic acid and chondroitin sulfate (meth)acrylate-based hydrogels for tissue engineering: Synthesis, characteristics and pre-clinical evaluation. <i>Biomaterials</i> , 2021, 268, 120602.	11.4	104
9	In Vitro and In Vivo Studies on HPMA-Based Polymeric Micelles Loaded with Curcumin. <i>Molecular Pharmaceutics</i> , 2021, 18, 1247-1263.	4.6	29
10	Preparation of mRNA Polyplexes with Post-conjugated Endosome-Disruptive Peptides. <i>Methods in Molecular Biology</i> , 2021, 2355, 275-286.	0.9	2
11	Lyophilization stabilizes clinical-stage core-crosslinked polymeric micelles to overcome cold chain supply challenges. <i>Biotechnology Journal</i> , 2021, 16, e2000212.	3.5	17
12	Polymeric delivery systems for nucleic acid therapeutics: Approaching the clinic. <i>Journal of Controlled Release</i> , 2021, 331, 121-141.	9.9	89
13	Hydrolytic (In)stability of Methacrylate Esters in Covalently Cross-Linked Hydrogels Based on Chondroitin Sulfate and Hyaluronic Acid Methacrylate. <i>ACS Omega</i> , 2021, 6, 26302-26310.	3.5	7
14	New mixed matrix membrane for the removal of urea from dialysate solution. <i>Separation and Purification Technology</i> , 2021, 277, 119408.	7.9	9
15	LCST polymers with UCST behavior. <i>Soft Matter</i> , 2021, 17, 2132-2141.	2.7	14
16	Internalization and Transport of PEGylated Lipid-Based Mixed Micelles across Caco-2 Cells Mediated by Scavenger Receptor B1. <i>Pharmaceutics</i> , 2021, 13, 2022.	4.5	1
17	Assessing the Effects of VEGF Releasing Microspheres on the Angiogenic and Foreign Body Response to a 3D Printed Silicone-Based Macroencapsulation Device. <i>Pharmaceutics</i> , 2021, 13, 2077.	4.5	7
18	Structure and Dynamics of Thermosensitive pDNA Polyplexes Studied by Time-Resolved Fluorescence Spectroscopy. <i>Biomacromolecules</i> , 2020, 21, 73-88.	5.4	5

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19	Vascular Endothelial Growth Factor-Released Microspheres Based on Poly( $\mu$ -Caprolactone-PEG- $\mu$ -Caprolactone)-b-Poly(L-Lactide) Multiblock Copolymers Incorporated in a Three-Dimensional Printed Poly(Dimethylsiloxane) Cell Macroencapsulation Device. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 863-870.	3.3	15
20	Urea removal strategies for dialysate regeneration in a wearable artificial kidney. <i>Biomaterials</i> , 2020, 234, 119735.	11.4	67
21	Phenylglyoxaldehyde-Functionalized Polymeric Sorbents for Urea Removal from Aqueous Solutions. <i>ACS Applied Polymer Materials</i> , 2020, 2, 515-527.	4.4	6
22	Biotin-decorated all-HPMA polymeric micelles for paclitaxel delivery. <i>Journal of Controlled Release</i> , 2020, 328, 970-984.	9.9	40
23	Optical imaging of the whole-body to cellular biodistribution of clinical-stage PEG-b-pHPMA-based core-crosslinked polymeric micelles. <i>Journal of Controlled Release</i> , 2020, 328, 805-816.	9.9	30
24	Endothelial Cell Targeting by cRGD-Functionalized Polymeric Nanoparticles under Static and Flow Conditions. <i>Nanomaterials</i> , 2020, 10, 1353.	4.1	20
25	Clinically established biodegradable long acting injectables: An industry perspective. <i>Advanced Drug Delivery Reviews</i> , 2020, 167, 19-46.	13.7	72
26	Intravitreal hydrogels for sustained release of therapeutic proteins. <i>Journal of Controlled Release</i> , 2020, 326, 419-441.	9.9	76
27	Dithiolane-Crosslinked Poly( $\mu$ -caprolactone)-Based Micelles: Impact of Monomer Sequence, Nature of Monomer, and Reducing Agent on the Dynamic Crosslinking Properties. <i>Macromolecules</i> , 2020, 53, 7009-7024.	4.8	15
28	Tuning Size and Morphology of mPEG-b-p(HPMA-Bz) Copolymer Self-Assemblies Using Microfluidics. <i>Polymers</i> , 2020, 12, 2572.	4.5	15
29	Correlation between in vitro stability and pharmacokinetics of poly( $\mu$ -caprolactone)-based micelles loaded with a photosensitizer. <i>Journal of Controlled Release</i> , 2020, 328, 942-951.	9.9	12
30	Apoptosis-inducing peptide loaded in PLGA nanoparticles induces anti-tumor effects in vivo. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119535.	5.2	9
31	Cancer nanomedicine meets immunotherapy: opportunities and challenges. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 954-958.	6.1	33
32	Polymeric micelles loaded with carfilzomib increase tolerability in a humanized bone marrow-like scaffold mouse model. <i>International Journal of Pharmaceutics: X</i> , 2020, 2, 100049.	1.6	6
33	A Doxorubicin-Glucuronide Prodrug Released from Nanogels Activated by High-Intensity Focused Ultrasound Liberated $\beta$ -Glucuronidase. <i>Pharmaceutics</i> , 2020, 12, 536.	4.5	6
34	EGFR-Targeted Nanobody Functionalized Polymeric Micelles Loaded with mTHPC for Selective Photodynamic Therapy. <i>Molecular Pharmaceutics</i> , 2020, 17, 1276-1292.	4.6	43
35	A Ninhydrin-type Urea Sorbent for the Development of a Wearable Artificial Kidney. <i>Macromolecular Bioscience</i> , 2020, 20, e1900396.	4.1	8
36	Conversion of an Injectable MMP-Degradable Hydrogel into Core-Cross-Linked Micelles. <i>Biomacromolecules</i> , 2020, 21, 1739-1751.	5.4	16

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37	A multifaceted biomimetic interface to improve the longevity of orthopedic implants. <i>Acta Biomaterialia</i> , 2020, 110, 266-279.	8.3	34
38	Local release of siRNA using polyplex-loaded thermosensitive hydrogels. <i>Nanoscale</i> , 2020, 12, 10347-10360.	5.6	25
39	Folate decorated polymeric micelles for targeted delivery of the kinase inhibitor dactolisib to cancer cells. <i>International Journal of Pharmaceutics</i> , 2020, 582, 119305.	5.2	21
40	ŒŒ-Stacked Poly(Œ-caprolactone)-b-poly(ethylene glycol) Micelles Loaded with a Photosensitizer for Photodynamic Therapy. <i>Pharmaceutics</i> , 2020, 12, 338.	4.5	6
41	Systematic evaluation of design features enables efficient selection of Œ electron-stabilized polymeric micelles. <i>International Journal of Pharmaceutics</i> , 2020, 584, 119409.	5.2	11
42	Polymeric Micelles Employing Platinum(II) Linker for the Delivery of the Kinase Inhibitor Dactolisib. <i>Particle and Particle Systems Characterization</i> , 2019, 36, 1900236.	2.3	3
43	Reactivity of (Vicinal) Carbonyl Compounds with Urea. <i>ACS Omega</i> , 2019, 4, 11928-11937.	3.5	7
44	Sustained Release of Vascular Endothelial Growth Factor from Poly(Œ-caprolactone-PEG-Œ-caprolactone)-b-Poly(Œ-lactide) Multiblock Copolymer Microspheres. <i>ACS Omega</i> , 2019, 4, 11481-11492.	3.5	21
45	Balancing hydrophobic and electrostatic interactions in thermosensitive polyplexes for nucleic acid delivery. <i>Multifunctional Materials</i> , 2019, 2, 024002.	3.7	14
46	Cationic synthetic long peptides-loaded nanogels: An efficient therapeutic vaccine formulation for induction of T-cell responses. <i>Journal of Controlled Release</i> , 2019, 315, 114-125.	9.9	31
47	Scale-Up of the Manufacturing Process To Produce Docetaxel-Loaded mPEG-b-p(HPMA-Bz) Block Copolymer Micelles for Pharmaceutical Applications. <i>Organic Process Research and Development</i> , 2019, 23, 2707-2715.	2.7	9
48	NanoDDS 2018: The 16th International Nanomedicine & Drug Delivery Symposium. <i>Journal of Controlled Release</i> , 2019, 310, 22-23.	9.9	1
49	RGD-decorated cholesterol stabilized polyplexes for targeted siRNA delivery to glioblastoma cells. <i>Drug Delivery and Translational Research</i> , 2019, 9, 679-693.	5.8	7
50	Light-Triggered Cellular Delivery of Oligonucleotides. <i>Pharmaceutics</i> , 2019, 11, 90.	4.5	18
51	Selective Cytotoxicity to HER2 Positive Breast Cancer Cells by Saporin-Loaded Nanobody-Targeted Polymeric Nanoparticles in Combination with Photochemical Internalization. <i>Molecular Pharmaceutics</i> , 2019, 16, 1633-1647.	4.6	49
52	mRNA Polyplexes with Post-Conjugated GALA Peptides Efficiently Target, Transfect, and Activate Antigen Presenting Cells. <i>Bioconjugate Chemistry</i> , 2019, 30, 461-475.	3.6	62
53	Modular core-shell polymeric nanoparticles mimicking viral structures for vaccination. <i>Journal of Controlled Release</i> , 2019, 293, 48-62.	9.9	24
54	Nanomedicine and macroscale materials in immuno-oncology. <i>Chemical Society Reviews</i> , 2019, 48, 351-381.	38.1	118

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55	Effect of Substituents on the Reactivity of Ninhydrin with Urea. <i>ChemistrySelect</i> , 2018, 3, 1224-1229.	1.5	16
56	Evaluation of the suitability of a Sprague Dawley rat model to assess intravenous iron preparations. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018, 91, 7-17.	0.7	2
57	Polyethyleneimine coated nanogels for the intracellular delivery of RNase A for cancer therapy. <i>Chemical Engineering Journal</i> , 2018, 340, 32-41.	12.7	34
58	Degradation, Intra-Articular Biocompatibility, Drug Release, and Bioactivity of Tacrolimus-Loaded Poly( <i>d</i> -lactide-PEG)- <i>b</i> -poly( <i>l</i> -lactide) Multiblock Copolymer-Based Monospheres. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2390-2403.	5.2	10
59	Insights into maleimide-thiol conjugation chemistry: Conditions for efficient surface functionalization of nanoparticles for receptor targeting. <i>Journal of Controlled Release</i> , 2018, 282, 101-109.	9.9	91
60	PLGA nanoparticles loaded with beta-lactoglobulin-derived peptides modulate mucosal immunity and may facilitate cow's milk allergy prevention. <i>European Journal of Pharmacology</i> , 2018, 818, 211-220.	3.5	34
61	PLGA-PEG nanoparticles for targeted delivery of the mTOR/PI3kinase inhibitor dactolisib to inflamed endothelium. <i>International Journal of Pharmaceutics</i> , 2018, 548, 747-758.	5.2	40
62	In Vitro Evaluation of Anti-Platelet Aggregation and Degradation Behavior of PEGylated Polymeric Nanogels under In Vivo Like Conditions. <i>Macromolecular Bioscience</i> , 2018, 18, 1700127.	4.1	3
63	Effect of Formulation and Processing Parameters on the Size of mPEG- <i>b</i> -p(HPMA-Bz) Polymeric Micelles. <i>Langmuir</i> , 2018, 34, 15495-15506.	3.5	45
64	Luminescent Gold Nanocluster-Decorated Polymeric Hybrid Particles with Assembly-Induced Emission. <i>Biomacromolecules</i> , 2018, 19, 2841-2848.	5.4	35
65	NanoDDS 2017: The 15th International Nanomedicine & Drug Delivery Symposium. <i>Journal of Controlled Release</i> , 2018, 282, 1-2.	9.9	0
66	In vivo pharmacokinetics of celecoxib loaded endcapped PCLA-PEG-PCLA thermogels in rats after subcutaneous administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 131, 170-177.	4.3	15
67	Direct covalent attachment of silver nanoparticles on radical-rich plasma polymer films for antibacterial applications. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5845-5853.	5.8	40
68	Complex coacervation-based loading and tunable release of a cationic protein from monodisperse glycosaminoglycan microgels. <i>Soft Matter</i> , 2018, 14, 6327-6341.	2.7	25
69	Polymers and hydrogels for local nucleic acid delivery. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5651-5670.	5.8	31
70	Influence of PEGylation of Vitamin-K-Loaded Mixed Micelles on the Uptake by and Transport through Caco-2 Cells. <i>Molecular Pharmaceutics</i> , 2018, 15, 3786-3795.	4.6	6
71	Post-PEGylated and crosslinked polymeric ssRNA nanocomplexes as adjuvants targeting lymph nodes with increased cytolytic T cell inducing properties. <i>Journal of Controlled Release</i> , 2018, 284, 73-83.	9.9	15
72	Self-Assembling Peptide Epitopes as Novel Platform for Anticancer Vaccination. <i>Molecular Pharmaceutics</i> , 2017, 14, 1482-1493.	4.6	46

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73	Development of a thermosensitive HAMA-containing bio-ink for the fabrication of composite cartilage repair constructs. <i>Biofabrication</i> , 2017, 9, 015026.	7.1	85
74	Clinical application of polymeric micelles for the treatment of cancer. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1485-1501.	5.9	133
75	Micellar Paclitaxel-Initiated RAFT Polymer Conjugates with Acid-Sensitive Behavior. <i>ACS Macro Letters</i> , 2017, 6, 272-276.	4.8	29
76	Two-component thermosensitive hydrogels: Phase separation affecting rheological behavior. <i>European Polymer Journal</i> , 2017, 92, 13-26.	5.4	23
77	Small nanosized poly(vinyl benzyl trimethylammonium chloride) based polyplexes for siRNA delivery. <i>International Journal of Pharmaceutics</i> , 2017, 525, 388-396.	5.2	16
78	Nanogels for intracellular delivery of biotherapeutics. <i>Journal of Controlled Release</i> , 2017, 259, 16-28.	9.9	116
79	Hydrogels for Therapeutic Delivery: Current Developments and Future Directions. <i>Biomacromolecules</i> , 2017, 18, 316-330.	5.4	333
80	Effect of Particle Size on Drug Loading and Release Kinetics of Gefitinib-Loaded PLGA Microspheres. <i>Molecular Pharmaceutics</i> , 2017, 14, 459-467.	4.6	159
81	Acrylamides with hydrolytically labile carbonate ester side chains as versatile building blocks for well-defined block copolymer micelles via RAFT polymerization. <i>Polymer Chemistry</i> , 2017, 8, 6544-6557.	3.9	4
82	Lipogels responsive to near-infrared light for the triggered release of therapeutic agents. <i>Acta Biomaterialia</i> , 2017, 61, 54-65.	8.3	14
83	A systematic comparison of clinically viable nanomedicines targeting HMG-CoA reductase in inflammatory atherosclerosis. <i>Journal of Controlled Release</i> , 2017, 262, 47-57.	9.9	44
84	Simultaneous Delivery of Multiple Antibacterial Agents from Additively Manufactured Porous Biomaterials to Fully Eradicate Planktonic and Adherent <i>Staphylococcus aureus</i> . <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 25691-25699.	8.0	82
85	Overcoming multidrug resistance using folate receptor-targeted and pH-responsive polymeric nanogels containing covalently entrapped doxorubicin. <i>Nanoscale</i> , 2017, 9, 10404-10419.	5.6	58
86	Macrophage selective photodynamic therapy by meta-tetra(hydroxyphenyl)chlorin loaded polymeric micelles: A possible treatment for cardiovascular diseases. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 107, 112-125.	4.0	36
87	A stimuli responsive liposome loaded hydrogel provides flexible on-demand release of therapeutic agents. <i>Acta Biomaterialia</i> , 2017, 48, 110-119.	8.3	57
88	Degradation, intra-articular retention and biocompatibility of monospheres composed of [PDLLA-PEG-PDLLA]-b-PLLA multi-block copolymers. <i>Acta Biomaterialia</i> , 2017, 48, 401-414.	8.3	16
89	Physicochemical Strategies to Enhance Stability and Drug Retention of Polymeric Micelles for Tumor-Targeted Drug Delivery. <i>Macromolecular Bioscience</i> , 2017, 17, 1600160.	4.1	125
90	Tailoring the physicochemical properties of core-crosslinked polymeric micelles for pharmaceutical applications. <i>Journal of Controlled Release</i> , 2016, 244, 314-325.	9.9	37

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91	Polymeric Nanogels with Tailorable Degradation Behavior. <i>Macromolecular Bioscience</i> , 2016, 16, 1122-1137.	4.1	9
92	High systemic availability of core-crosslinked polymeric micelles after subcutaneous administration. <i>International Journal of Pharmaceutics</i> , 2016, 514, 112-120.	5.2	7
93	A thermo-responsive and photo-polymerizable chondroitin sulfate-based hydrogel for 3D printing applications. <i>Carbohydrate Polymers</i> , 2016, 149, 163-174.	10.2	111
94	A Kinetic Degradation Study of Curcumin in Its Free Form and Loaded in Polymeric Micelles. <i>AAPS Journal</i> , 2016, 18, 777-787.	4.4	73
95	Versatile Supramolecular Gene Vector Based on Host-Guest Interaction. <i>Bioconjugate Chemistry</i> , 2016, 27, 1143-1152.	3.6	32
96	A Synthetic Thermosensitive Hydrogel for Cartilage Bioprinting and Its Biofunctionalization with Polysaccharides. <i>Biomacromolecules</i> , 2016, 17, 2137-2147.	5.4	111
97	A novel oral iron-complex formulation: Encapsulation of hemin in polymeric micelles and its in vitro absorption. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 108, 226-234.	4.3	18
98	Strong in vivo antitumor responses induced by an antigen immobilized in nanogels via reducible bonds. <i>Nanoscale</i> , 2016, 8, 19592-19604.	5.6	35
99	Nanomedicines for advanced cancer treatments: Transitioning towards responsive systems. <i>International Journal of Pharmaceutics</i> , 2016, 515, 132-164.	5.2	83
100	A facile modular approach toward multifunctional supramolecular polyplexes for targeting gene delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7022-7030.	5.8	10
101	Tumor stroma-containing 3D spheroid arrays: A tool to study nanoparticle penetration. <i>Journal of Controlled Release</i> , 2016, 244, 257-268.	9.9	119
102	A Mixed Micelle Formulation for Oral Delivery of Vitamin K. <i>Pharmaceutical Research</i> , 2016, 33, 2168-2179.	3.5	37
103	PEG stabilized DNA-poly(ferrocenylsilane) polyplexes for gene delivery. <i>Chemical Communications</i> , 2016, 52, 7707-7710.	4.1	15
104	Strategies for encapsulation of small hydrophilic and amphiphilic drugs in PLGA microspheres: State-of-the-art and challenges. <i>International Journal of Pharmaceutics</i> , 2016, 499, 358-367.	5.2	207
105	Inhibition of Octreotide Acylation Inside PLGA Microspheres by Derivatization of the Amines of the Peptide with a Self-Immolative Protecting Group. <i>Bioconjugate Chemistry</i> , 2016, 27, 576-585.	3.6	14
106	Transiently Responsive Block Copolymer Micelles Based on N-(2-Hydroxypropyl)methacrylamide Engineered with Hydrolyzable Ethylcarbonate Side Chains. <i>Biomacromolecules</i> , 2016, 17, 119-127.	5.4	20
107	Acylation of arginine in goserelin-loaded PLGA microspheres. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 99, 18-23.	4.3	14
108	Biomedical Applications of Self-Assembling Peptides. <i>Bioconjugate Chemistry</i> , 2016, 27, 3-18.	3.6	136

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109	Cationic Nanogels: Reduction-Sensitive Dextran Nanogels Aimed for Intracellular Delivery of Antigens (Adv. Funct. Mater. 20/2015). Advanced Functional Materials, 2015, 25, 2992-2992.	14.9	1
110	Polymeric microparticles for sustained and local delivery of antiCD40 and antiCTLA-4 in immunotherapy of cancer. Biomaterials, 2015, 61, 33-40.	11.4	89
111	The Supramolecular Organization of a Peptide-Based Nanocarrier at High Molecular Detail. Journal of the American Chemical Society, 2015, 137, 7775-7784.	13.7	50
112	Methylenation of Peptides by <i>N,N,N',N'</i> -Tetramethylethylenediamine (TEMED) under Conditions Used for Free Radical Polymerization: A Mechanistic Study. Bioconjugate Chemistry, 2015, 26, 90-100.	3.6	12
113	Anthracene functionalized thermosensitive and UV-crosslinkable polymeric micelles. Polymer Chemistry, 2015, 6, 2048-2053.	3.9	26
114	Polymeric nanoparticles for co-delivery of synthetic long peptide antigen and poly IC as therapeutic cancer vaccine formulation. Journal of Controlled Release, 2015, 203, 16-22.	9.9	87
115	Core-crosslinked polymeric micelles: Principles, preparation, biomedical applications and clinical translation. Nano Today, 2015, 10, 93-117.	11.9	415
116	Sunitinib microspheres based on [PDLLA-PEG-PDLLA]-b-PLLA multi-block copolymers for ocular drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 95, 368-377.	4.3	36
117	Formulation and characterization of microspheres loaded with imatinib for sustained delivery. International Journal of Pharmaceutics, 2015, 482, 123-130.	5.2	48
118	A novel approach for the intravenous delivery of leuprolide using core-cross-linked polymeric micelles. Journal of Controlled Release, 2015, 205, 98-108.	9.9	30
119	Thermogelling and Chemoselectively Cross-Linked Hydrogels with Controlled Mechanical Properties and Degradation Behavior. Biomacromolecules, 2015, 16, 2840-2851.	5.4	28
120	HPMA-based polymeric micelles for curcumin solubilization and inhibition of cancer cell growth. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 501-512.	4.3	61
121	Complete regression of breast tumour with a single dose of docetaxel-entrapped core-cross-linked polymeric micelles. Biomaterials, 2015, 53, 370-378.	11.4	88
122	Identification and Assessment of Octreotide Acylation in Polyester Microspheres by LC-MS/MS. Pharmaceutical Research, 2015, 32, 3044-3054.	3.5	22
123	Interfacially Hydrazone Cross-linked Thermosensitive Polymeric Micelles for Acid-Triggered Release of Paclitaxel. ACS Biomaterials Science and Engineering, 2015, 1, 393-404.	5.2	52
124	Fluorophore labeling of core-crosslinked polymeric micelles for multimodal <i>in vivo</i> and <i>ex vivo</i> optical imaging. Nanomedicine, 2015, 10, 1111-1125.	3.3	17
125	Complete Regression of Xenograft Tumors upon Targeted Delivery of Paclitaxel <i>via</i> $\pi$ -Stacking Stabilized Polymeric Micelles. ACS Nano, 2015, 9, 3740-3752.	14.6	185
126	Sustained intra-articular release of celecoxib from in situ forming gels made of acetyl-capped PCLA-PEG-PCLA triblock copolymers in horses. Biomaterials, 2015, 53, 426-436.	11.4	56

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127	Reduction-sensitive Dextran Nanogels Aimed for Intracellular Delivery of Antigens. <i>Advanced Functional Materials</i> , 2015, 25, 2993-3003.	14.9	77
128	Biofabrication of reinforced 3D-scaffolds using two-component hydrogels. <i>Journal of Materials Chemistry B</i> , 2015, 3, 9067-9078.	5.8	56
129	Alginate microgels loaded with temperature sensitive liposomes for magnetic resonance imageable drug release and microgel visualization. <i>European Polymer Journal</i> , 2015, 72, 620-631.	5.4	20
130	Release and pharmacokinetics of near-infrared labeled albumin from monodisperse poly(D,L-lactic-co-hydroxymethyl glycolic acid) microspheres after subcapsular renal injection. <i>Acta Biomaterialia</i> , 2015, 22, 141-154.	8.3	8
131	Biocompatibility of poly(D,L-lactic-co-hydroxymethyl glycolic acid) microspheres after subcutaneous and subcapsular renal injection. <i>International Journal of Pharmaceutics</i> , 2015, 482, 99-109.	5.2	11
132	Degradable Ketal-Based Block Copolymer Nanoparticles for Anticancer Drug Delivery: A Systematic Evaluation. <i>Biomacromolecules</i> , 2015, 16, 336-350.	5.4	49
133	Decationized polyplexes for gene delivery. <i>Expert Opinion on Drug Delivery</i> , 2015, 12, 507-512.	5.0	16
134	Holmium-lipiodol-alginate microspheres for fluoroscopy-guided embolotherapy and multimodality imaging. <i>International Journal of Pharmaceutics</i> , 2015, 482, 47-53.	5.2	13
135	Polymer-protein conjugation via a grafting to approach a comparative study of the performance of protein-reactive RAFT chain transfer agents. <i>Polymer Chemistry</i> , 2015, 6, 5602-5614.	3.9	56
136	Targeted Decationized Polyplexes for siRNA Delivery. <i>Molecular Pharmaceutics</i> , 2015, 12, 150-161.	4.6	22
137	Near-infrared labeled, ovalbumin loaded polymeric nanoparticles based on a hydrophilic polyester as model vaccine: In vivo tracking and evaluation of antigen-specific CD8 + T cell immune response. <i>Biomaterials</i> , 2015, 37, 469-477.	11.4	64
138	Particulate Systems Based on Poly(Lactic-co-Glycolic)Acid (pLGA) for Immunotherapy of Cancer. <i>Current Pharmaceutical Design</i> , 2015, 21, 4201-4216.	1.9	19
139	Optimization of the recombinant production and purification of a self-assembling peptide in <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2014, 13, 178.	4.0	3
140	Hyperthermia-Induced Drug Delivery from Thermosensitive Liposomes Encapsulated in an Injectable Hydrogel for Local Chemotherapy. <i>Advanced Healthcare Materials</i> , 2014, 3, 854-859.	7.6	64
141	Covalent attachment of a three-dimensionally printed thermoplast to a gelatin hydrogel for mechanically enhanced cartilage constructs. <i>Acta Biomaterialia</i> , 2014, 10, 2602-2611.	8.3	123
142	Curcumin nanoformulations: A review of pharmaceutical properties and preclinical studies and clinical data related to cancer treatment. <i>Biomaterials</i> , 2014, 35, 3365-3383.	11.4	698
143	Effectiveness of slow-release systems in CD40 agonistic antibody immunotherapy of cancer. <i>Vaccine</i> , 2014, 32, 1654-1660.	3.8	22
144	Passive versus Active Tumor Targeting Using RGD- and NGR-Modified Polymeric Nanomedicines. <i>Nano Letters</i> , 2014, 14, 972-981.	9.1	272

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145	Hydrogels in a historical perspective: From simple networks to smart materials. <i>Journal of Controlled Release</i> , 2014, 190, 254-273.	9.9	732
146	Targeting hepatocyte growth factor receptor (Met) positive tumor cells using internalizing nanobody-decorated albumin nanoparticles. <i>Biomaterials</i> , 2014, 35, 601-610.	11.4	72
147	PEG-pHPMAm-based polymeric micelles loaded with doxorubicin-prodrugs in combination antitumor therapy with oncolytic vaccinia viruses. <i>Polymer Chemistry</i> , 2014, 5, 1674-1681.	3.9	17
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